

**APPENDIX C**

**WELL LOCATION SURVEY REPORT (CD ONLY)**

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## HUNTER SURVEYING, INC.

6216 Main Avenue, Suite A  
Orangevale, CA 95662  
Phone: (916) 988-5600  
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16 July 2005

### Tetra Tech EC

1230 Columbia Street, Suite 500  
San Diego, CA 92101

Attn: Tania Turpijn-Keasler

Re: **Moffett Federal Airfield - Orion Park Monitoring Wells**

The following monitoring wells were surveyed on 15 July 2005. Horizontal positions recorded by conventional total station survey methods, from GPS-RTK established site control points. Vertical elevations surveyed by digital leveling loop methods.

	NAD83 (CCS83, ZN3)		NAVD88 ELEVATIONS		
	NORTH	EAST	PVC	RIM	GRND
MCH-1UA	1975244.73	6106168.01	34.73	35.31	35.2
MCH-2LA	1975245.19	6106162.48	35.06	35.40	35.2
MCH-3UA	1975330.60	6106717.53	34.34	34.65	31.6
MCH-5UA	1976246.48	6107327.72	27.33	27.72	24.7
MCH-7UA	1976441.73	6106393.68	28.78	29.11	25.9
MCH-8LA	1976435.98	6106404.63	28.44	28.68	25.6

### Basis of Coordinates and Elevations:

**NAD83** Horizontal Feet Coordinates, CCS83 Zone 3 (epoch date 2000.35), established by GPS-RTK observations from NASA ARC Control Station **ARC-30** with a check into ARC-44. The horizontal datum was established by Static GPS observations in Dec. 2002 and Jan. 2003 from minimally-constrained provisional values obtained by the *California Spatial Reference Center*.

**NAVD88** Vertical Feet Elevations based on digital level loops, established from NASA ARC Control Station **H-111**, elev = 20.15'. (Subtract 2.54' from listed elevations to obtain NGVD29.)

James L. White  
LS 7722





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05 August 2005

### Tetra Tech EC, Inc.

1230 Columbia Street, Suite 500  
San Diego, CA 92101

Attn: Tania Turpijn-Keasler

Re: **Moffett Federal Airfield - Orion Park Monitoring Wells**

The following monitoring wells were surveyed on 03 August 2005. Horizontal positions recorded by conventional total station survey methods, from GPS-RTK established site control points. Vertical elevations surveyed by digital leveling loop methods.

	NAD83 (CCS83, ZN3)		NAVD88 ELEVATIONS		
	NORTH	EAST	PVC	RIM	GRND
MCH-4LA	1975404.3	6106977.5	33.13	33.35	30.4
MCH-6LA	1976130.7	6106188.5	30.40	30.75	27.8
MCH-9UA	1976966.3	6106223.9	25.07	25.67	22.7
MCH-10LA	1976738.2	6107085.9	22.71	23.25	23.1
MCH-11UA	1976846.2	6106761.6	26.17	26.48	23.4

### Basis of Coordinates and Elevations:

**NAD83** Horizontal Feet Coordinates, CCS83 Zone 3 (epoch date 2000.35), established by GPS-RTK observations from NASA ARC Control Station *ARC-30* with a check into ARC-44. The horizontal datum was established by Static GPS observations in Dec. 2002 and Jan. 2003 from minimally-constrained provisional values obtained by the *California Spatial Reference Center*.

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